

Bass Enterprises Production Co.

1000 Writer Square
1512 Larimer Street
Denver, Colorado 80202
(303) 571-1314

June 14, 1982

Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

RE: Oil & Gas Lease U-37663
Bass Navajo Fed. #9-41
NW NE Sec. 9, T-40S, R-23E
San Juan, Utah
FILE: 400 - GF

Gentlemen,

Enclosed is our complete Federal application to drill the above captioned well. Along with a copy of the approved Federal A.P.D. If anything else is necessary for obtaining the state permit please contact me at the above number.

Very Truly Yours,



Ken Morr

RECEIVED

JUN 17 1982

**DIVISION OF
OIL, GAS & MINING**

KM/lr
Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

U - 37663

5. Lease Designation and Serial No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☒Gas Well ☐

Other

Single Zone ☒Multiple Zone ☐

2. Name of Operator

Bass Enterprises Production Co.

3. Address of Operator

1512 Larimer St. Ste. 1000, Denver, CO 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface

NW NE 506' FNL; 2124 FEL Sec. 9-T-40S, 23E S.L.M.

At proposed prod. zone

same

14. Distance in miles and direction from nearest town or post office*

8 miles NW of Montezuma Creek, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

506'

16. No. of acres in lease

640

17. No. of acres assigned
to this well

80

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

0

19. Proposed depth

6900'

20. Rotary or cable tools

rotary

21. Elevations (Show whether DF, RT, GR, etc.)

GL 4548'

22. Approx. date work will start*

June 30, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4	8-5/8 (new)	24#	500'	400 sx
7-7/8	5-1/2 (new)	14# & 15.5#	7000'	**

** Volume to be determined by pay zone and caliper log.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 06/30/82
BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

[Signature]

Title Asst. Prod. Foreman

Date 06-14-82

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

Identification No. 300-82

United States Department of the Interior
~~Geological Survey~~ MMs
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Bass Enterprises Production Company

Project Type single zone developmental oil well

Project Location 506' FNL/2124' FEL, sec. 9, T. 40 S., R. 23 E., San Juan
County, Utah

Well No. 9-41 Bass-Navajo Federal Lease No. U-37663

Date Project Submitted _____

FIELD INSPECTION

Date May 5, 1982

Field Inspection
Participants

Ken Morn - Bass Enterprises
Jill Seyfarth - archaeologist, Salmon Ruins Museum
Evangelina Tanner - Navajo Compliance Officer
Randy Corbett - Bureau of Indian Affairs

Don Englishman - Minerals Management Service

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

May 5, 1982
Date Prepared

Donald Englishman
Environmental Scientist

I concur

JUN 07 1982
Date

W. Martin FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR
District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety						✓ 4	✓		(
2. Unique charac- teristics							✓		
3. Environmentally controversial							✓		
4. Uncertain and unknown risks							✓		
5. Establishes precedents							✓		
6. Cumulatively significant							✓		(
7. National Register historic places	✓ 1								
8. Endangered/ threatened species	✓ 1								
9. Violate Federal, State, local, tribal law						✓ 4	✓		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application for Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

Remarques:

1. Location not changed during on site inspection
2. Water source not known at time of inspection
3. Laydown to south. Reserve pit on East (^{McCracken} ~~Reception~~ Creek side)

RECEIVED

JUN 4 1982

Bureau of Indian Affairs

Transmittal of Application for Permit to Drill MINERALS MANAGEMENT SERVICE
DURANGO, CO

Date 6-3-82

Lease Number U-37663

Operator BASS ENTERPRISES

Sec. 9 T. 40S R. 23E

Well No. & Name Navajo Fed. 9-41

Footage 506 F(~~E~~) (N) L 2124 F(E) (~~E~~) L

Date APD Received 5-21-82

San Juan County, Utah

If the proposed action meets with your approval, please acknowledge in the space below and return the copy to this office. Please check the applicable surface rehabilitation stipulations in section 15 of the attached General Requirements and list any additional ones you would like included. We will approve the application upon receipt of these requirements.

Geological Survey _____

.....

Surface Owner ☒ Tribal ☐ Allotted ☐ Other _____

I concur with the approval of the Application for Permit to Drill and/or the Surface Development and Operation Plan provided the following conditions are included in the approval.

Date JUN 3 1982

Oran K. Fejo
BIA Representative

15. SPECIAL STIPULATIONS

The following special requirements apply and are effective when checked:

- ☐ A. _____ surface casing should be set at _____ feet and cement circulated to the surface.
- ☐ B. Ram-type blowout preventers and related control equipment shall be pressure tested with water to the rated working pressure of the stack assembly (except that the annular-type preventer may be tested to 70 percent of rated working pressure) (a) when installed; (b) before drilling possible abnormally-pressured zones; and (c) following repairs that require disconnecting a pressure seal in the assembly.
- ☐ C. Minimum required fill of cement behind the _____ casing is to _____.
- ☒ D. All above ground permanent structures and equipment will be painted a non-glare color that simulates the natural color of the site, as follows:
- | | |
|-------------------------------------|------------------------------------|
| <input type="checkbox"/> | Brown, Federal Standard 595a-30318 |
| <input type="checkbox"/> | Green, Federal Standard 595a-34127 |
| <input type="checkbox"/> | Gray, Federal Standard 595a-36357 |
| <input checked="" type="checkbox"/> | Sand, Federal Standard 5952-30277 |
- ☐ E. A kelly cock will be installed and maintained in operable condition.
- ☐ F. A Communitization Agreement covering the acreage dedicated to the well must be filed for approval with the U.S. Geological Survey, P.O. Box 26124, Albuquerque, New Mexico 87125. The effective date of the agreement must be prior to any sales.
- ☒ G. Compacted areas will be plowed or ripped to a depth of 4-6" before reseeding. Reseeding of the disturbed lands is required upon completion of drilling and completion activities and abandonment of the well. All seeding will be done between July 1 and September 15. Seeding will be done with a disc-type drill with two boxes for various seed sizes. The drill rows will be eight to ten inches apart. The seed will be planted between one-half inch deep and three quarter inch deep. The seeder will be followed with a drag, packer, or roller to insure uniform coverage of the seed, and adequate compaction. Drilling of the seed will be done on the contour where possible, not up and down the slope. Where slopes are too steep for contour drilling a "cyclone" hand-seeder or similar broadcast seeder will be used, using twice the recommended seed per acre. Seed will then be covered to the depth described above by whatever means is practical.

If, in the opinion of the surface management agency, the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings until revegetation is successful.

- ☐ H. No well and/or production equipment within the irrigable fields of the Navajo Indian Irrigation Project will exceed two feet above the natural ground surface elevation, and will be adequately barricaded for safety.
- ☐ I. Any production piping systems shall be installed with at least four feet of cover.
- ☐ J. In addition to the well-control equipment stipulated in Section 5, either an annular blowout preventer or a rotating head must be used while drilling below surface casing to _____.
- ☒ K. Other:

1. Pit will be lined after construction if deemed necessary by company officials and contractors to comply with NTL-6.

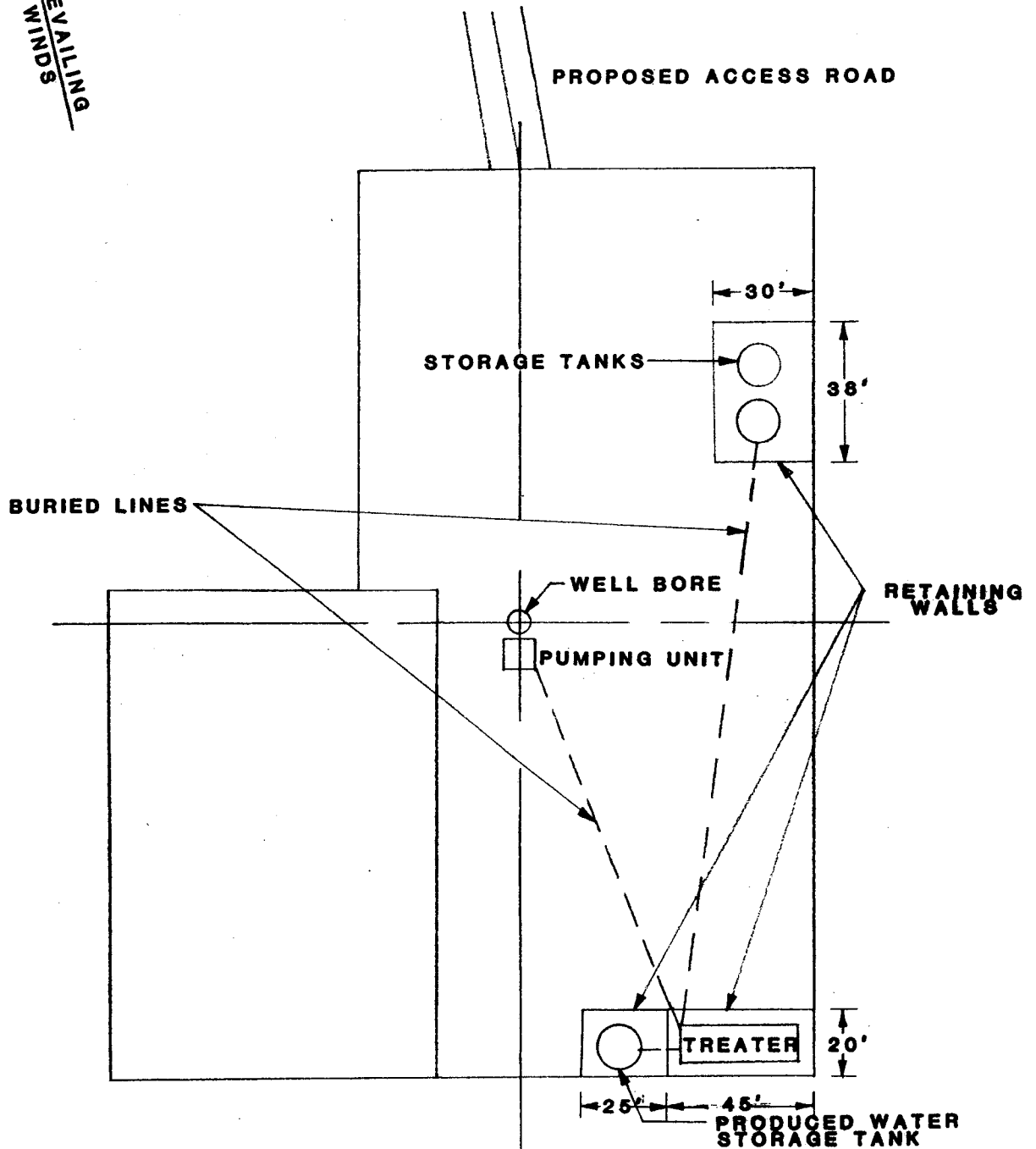
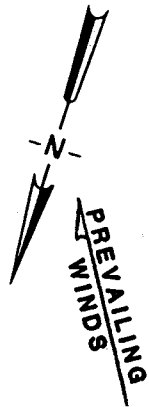
- ☒ Debris needs to be cleaned up and properly disposed of.
- ☒ Oil Spillage spots need to be cleaned up prior to seeding.
- ☒ Pad and access road are to be disced and properly prepared for seeding.
- ☐ All disturbed areas will be reseeded and fenced to allow establishment of seeding.
- ☒ All disturbed areas will be seeded with the recommended seed mix. Seed will be drilled to a depth of not less than $\frac{1}{4}$ inch and not more than $\frac{1}{2}$ inch, followed by a drag or packer. Compacted areas will be plowed (Disced) to a depth of 4 - 6 inches before seeding.

RECOMMENDED SEEDING MIXTURES:

	PLS. LBS./AC.	MINIMUM % PLS. Accept.
<input type="checkbox"/> 1. Indian Ricegrass	1	
Galleta	2	55%
4-wing Saltbush (Dewinged)	1	57%
Winter Fat	1	
<input type="checkbox"/> 2. Indian Ricegrass :	1	
Galleta	2	55%
Alkali Sacaton	1	76%
Winter Fat	1	
Shadscale	1	
<input checked="" type="checkbox"/> 3. Indian Ricegrass	2	
Galleta	2	55%
Alkali Sacaton	1	76%
4-wing Saltbush (Dewinged)	1	57%
Shadscale	1	
<input type="checkbox"/> 4. Indian Ricegrass	1	
Galleta	2	55%
Needle & Thread	1	
4-Wing Saltbush (Dewinged)	1	57%
Cliffrose	1	

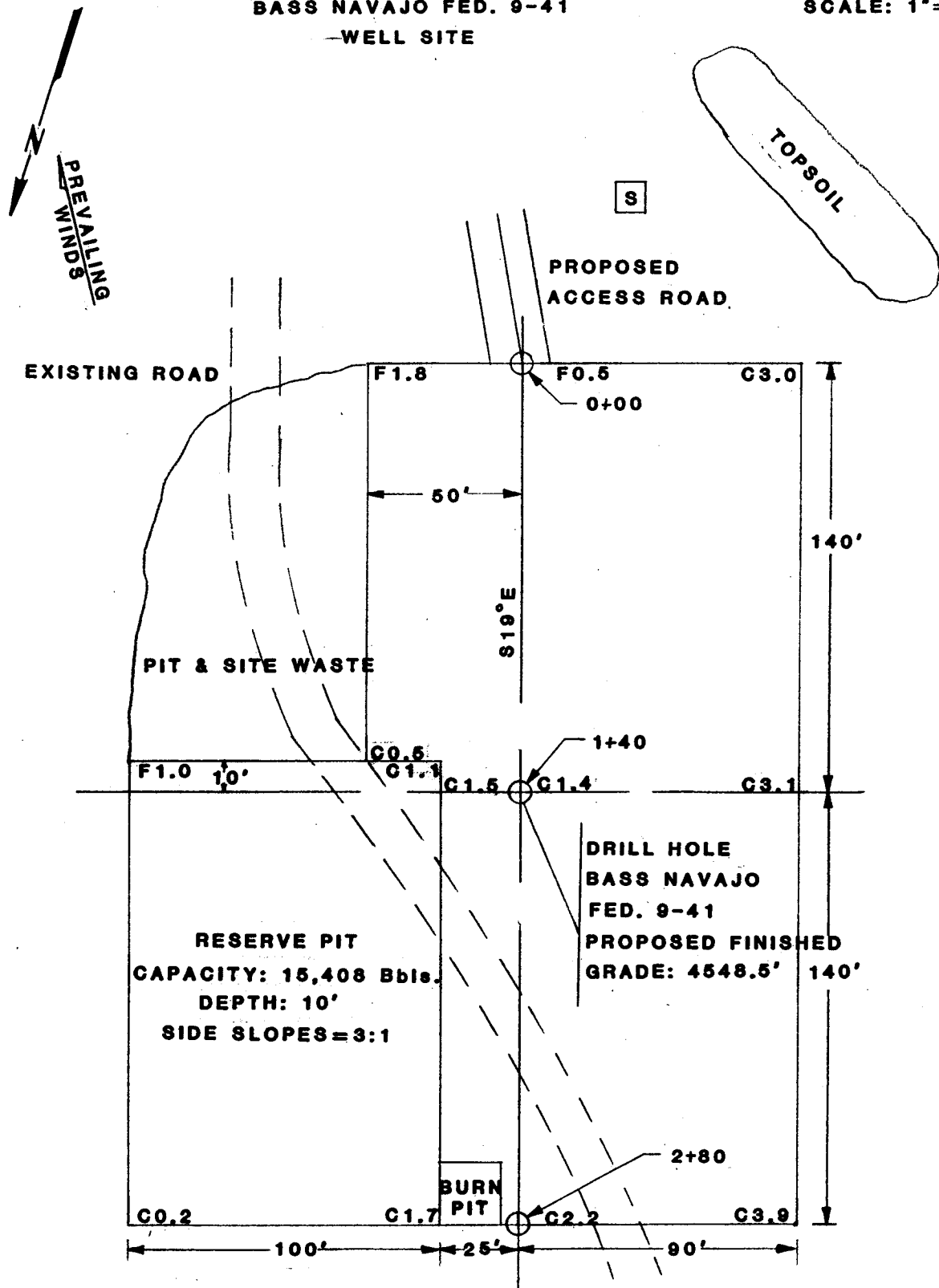
BASS ENTERPRISES PROD. CO.
BASS NAVAJO FED. 9-41
PROPOSED TANK BATTERY

EXHIBIT IV
SCALE: 1"=50'



BASS ENTERPRISES PROD. CO.
BASS NAVAJO FED. 9-41
-WELL SITE

EXHIBIT V
SCALE: 1"=50'



⊕ DESIGNATES CROSS SECTION STATIONS

Ⓢ SAFETY BRIEFING AREA

Ⓢ

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL No.: U-37663

and hereby designates

NAME: Black Dahlia Oil & Gas Co.
ADDRESS: 1057 East 3300 South
Salt Lake City, UT 84106

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 40 South, Range 23 East, S.L.M.
Section 9: NW1/4NE1/4
San Juan County, Utah
Containing 40.00 acres, more or less

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

BASS ENTERPRISES PRODUCTION CO.



(Signature of lessee)

Wm. Arthur Hamilton
Vice President
3100 Ft. Worth National Bank Bldg.
Ft. Worth, TX 76102

(Address)

May 17, 1982

(Date)

**** FILE NOTATIONS ****

DATE: June 22, 1982

OPERATOR: Bass Enterprises Production Company

WELL NO: Bass - Navajo Federal #9-41

Location: Sec. 9 T. 40S R. 23E County: San Juan

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-037-30797

CHECKED BY:

Petroleum Engineer: _____

Director: _____

Administrative Aide: As Per Rule C-3

APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Ad

Plotted on Map ☐

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

July 1, 1982

Bass Enterprises Production Company
1512 Larimer St., Suite 1000
Denver, Colorado 80202

RE: Well No. Bass Navajo Federal #9-41
Sec. 9, T40S, R23E
San Juan County

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30797.

Sincerely,



RONALD J. FIRTH
CHIEF PETROLEUM ENGINEER

RJF:SC
cc: Minerals Management Service
Enclosure

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-37663	
2. NAME OF OPERATOR Bass Enterprises Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1512 Larimer St. Suite 1000 Denver, CO 80202		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NWNE 506' FNL 2124' FEL Sec 9, T40S, R23E		8. FARM OR LEASE NAME Bass-Navajo Federal	
14. PERMIT NO.		9. WELL NO. 9-41	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 4548'		10. FIELD AND POOL, OR WILDCAT Bluff	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 9, T40S, R23E SLM	
		12. COUNTY OR PARISH San Juan	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <u>Change Operator</u>	<input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please be advised that Black Dahlia Oil and Gas Co., 1057 E. 3300 South, Salt Lake City, UT 84106 has taken over operations on the subject well. All future correspondence will be from Black Dahlia.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 7/29/82
BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]TITLE Division EngineerDATE 7/22/82

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

Bass Enterprises Production Co.

1000 Writer Square
1512 Larimer Street
Denver, Colorado 80202
(303) 571-1314

July 26, 1982

EXPRESS MAIL

RECEIVED

JUL 26 1982

State of Utah
Natural Resources
Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114

**DIVISION OF
OIL, GAS & MINING**

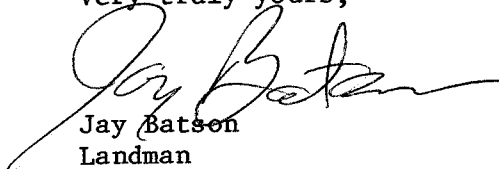
RE: Sundry Notice
Bass-Navajo Federal #9-41
Township 40 South, Range 23 East, S.L.M.
Section 9: NW1/4SE1/4
San Juan County, Utah
Bluff Prospect

Gentlemen:

Enclosed please find three (3) copies of a Sundry Notice,
advising you of a change in Operator for the captioned well.

If we can be of any further assistance, please advise.

Very truly yours,


Jay Batson
Landman

cc: Ms. Evangeline Tanner
The Navajo Nation
Utah Office of Land Development
P. O. Box 410
Montezuma Creek, UT 84534-0410

JB:res
Enclosures

Rocky Mountain Division

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Black Dahlia Oil & Gas Co.

3. ADDRESS OF OPERATOR

Bass Enterprises Production Company

1057 East 3300 South, SLC, UT

1512 Larimer St. Ste 1000 Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

NW NE 506' FNL 2124' FEL Sec. 9, T-40-S, R-23-E

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

8 miles NW of Montezuma Creek, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

506

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

0

19. PROPOSED DEPTH

6900

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 4548'

22. APPROX. DATE WORK WILL START*

June 15, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8 (NEW)	24#	500'	400 sx
7-7/8	5-1/2 (NEW)	14# & 15.5#	7000'	* cement should protect water zones

*Volume to be determined by pay zone and caliper log

RECEIVED

JUL 28 1982

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Ven Mon

TITLE Asst. Production Foreman

DATE

5/14/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

W. J. Martin

FOR

E. W. GUYNN

TITLE DISTRICT OIL & GAS SUPERVISOR

DATE

JUN 08 1982

CONDITIONS OF APPROVAL, IF ANY:

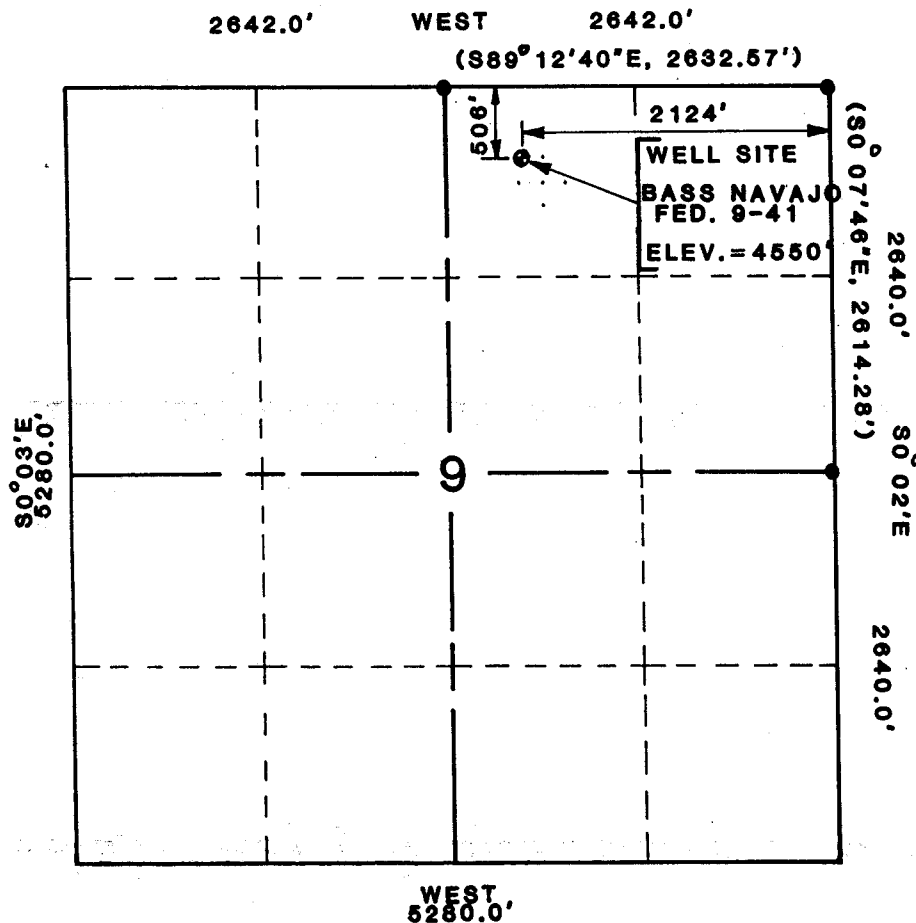
CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYFLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

NOTICE OF APPROVAL

STATE O & G

EXHIBIT I

T.40S.,R.23E.



Note: Basis of Bearing from a Solar Observation taken on April 13, 1982.

LEGEND:

- Designates corners used.
- () Indicates actual bearings and distances used or determined during actual survey.

ELEVATION DATUM:

Elevation was determined from a Hill top, located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 9, T.40S., R.23E., S.L.M.; having an elevation of 4611' as shown on the Aneth 2 SW., Utah U.S.G.S. Quad Topog. map.

STATE OF WYOMING)
COUNTY OF WASHAKIE) S.S.

I, Stanton J. Abell, Jr. of Worland, Wyoming, hereby certify that this map was made from notes taken during an actual survey made by me on April 12 & 13, 1982 and that it correctly shows the location of the drilling site for Bass Navajo Fed. 9-41 which is 506' South of the North line and 2124' West of the East line of Section 9, T.40S., R.23E., S.L.M. as staked on the ground during said survey.

Wyoming P.E. & L.S.
Registration No. 2877

Stanton J. Abell, Jr.
Engineer

**BASS ENTERPRISES PRODUCTION CO.
DENVER, COLORADO**

WELL SITE

BASS NAVAJO FED. 9-41

NW1/4 NE1/4, SEC.9, T.40S.,R.23E., S.L.M.

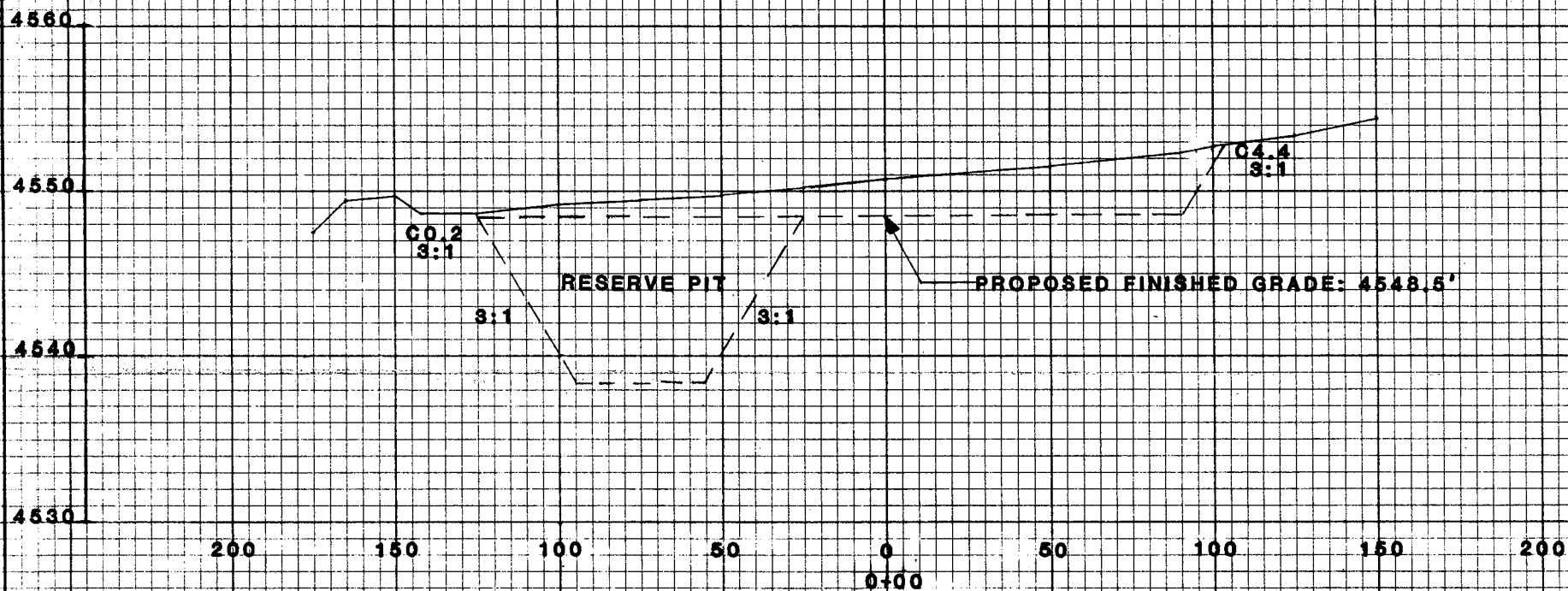
SAN JUAN COUNTY, UTAH

APRIL 15, 1982

SCALE: 1" = 1320'

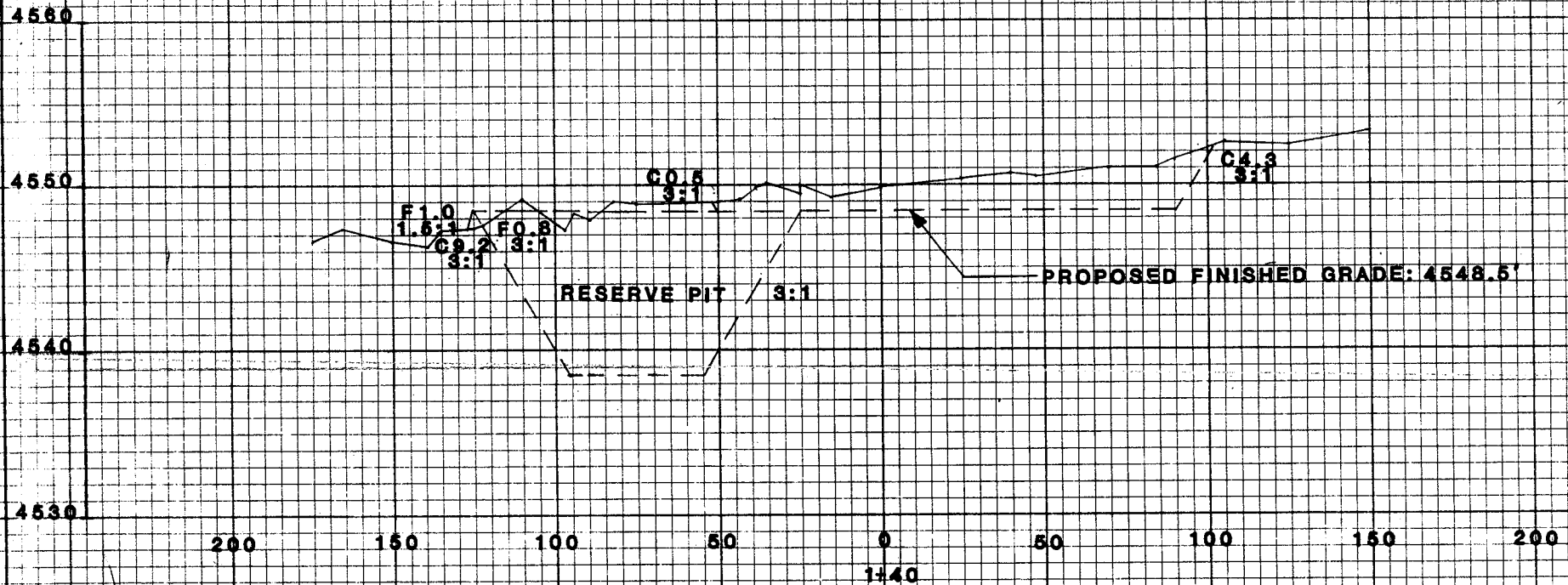
BASS ENTERPRISES PROD. CO.
BASS NAVAJO FED. 8-41
CROSS SECTION

EXHIBIT V A
SCALE: 1" = 60'H
1" = 10'V



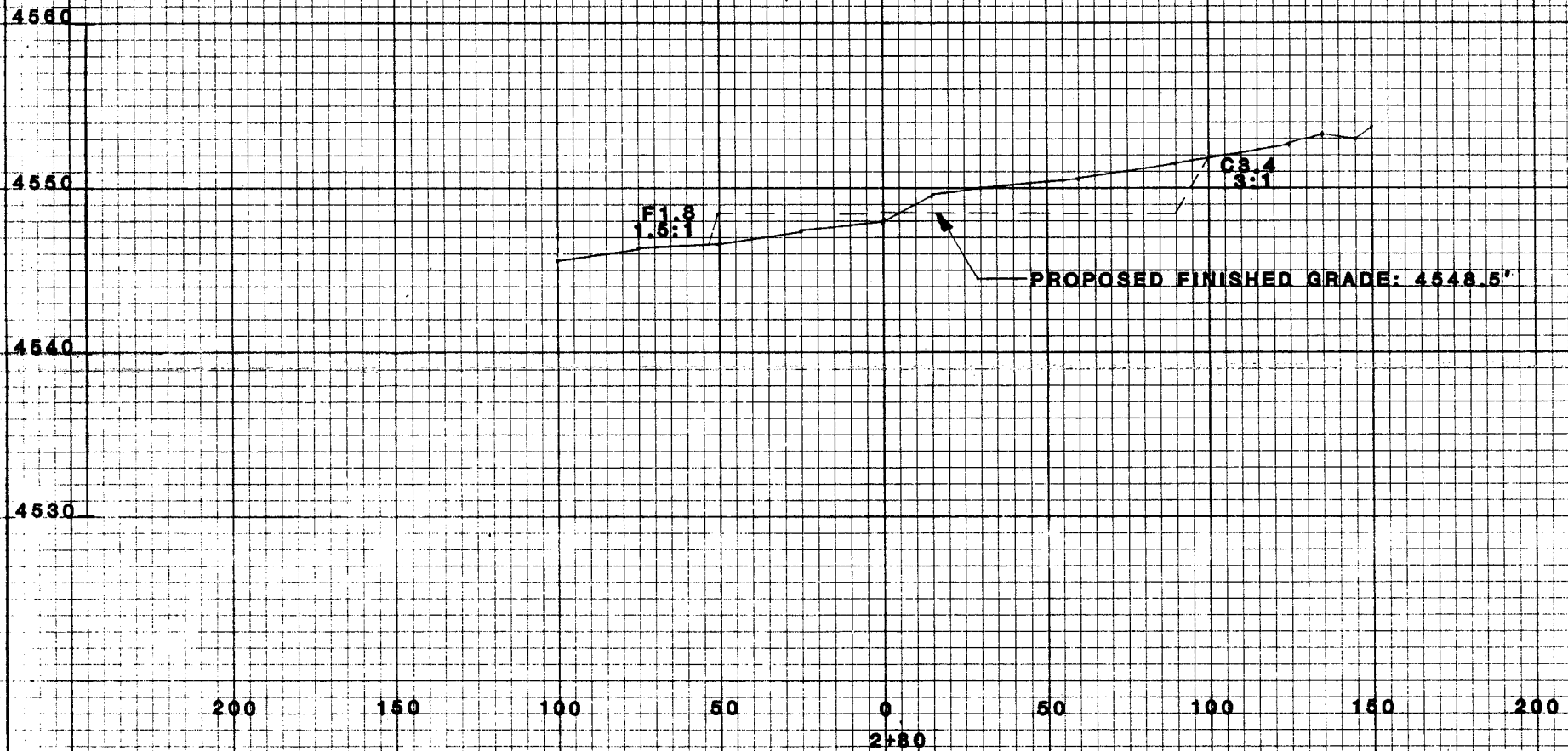
BASS ENTERPRISES PROD. CO.
BASS NAVAJO FED. 9-41
CROSS SECTION

EXHIBIT V.B
SCALE: 1" = 50'H
1" = 10'V



BASS ENTERPRISES PROD. CO.
BASS NAVAJO FED. 9-41
CROSS SECTION

EXHIBIT V C
SCALE: 1" = 50' H
1" = 10' V



PREPARED BY P.E. GROSCH CONST. INC.

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

NAME OF COMPANY: BLACK DAHLIA OIL & GAS

WELL NAME: Bass Navjo Federal 9-41

SECTION NWNE 9 TOWNSHIP 40S RANGE 23 E COUNTY San Juan

DRILLING CONTRACTOR Coleman Drilling

RIG # 1

SPODDED: DATE 7-28-82

TIME 6:45 PM

How Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Tammy Berrett

TELEPHONE # 303-595-0544

DATE 7-29-82 SIGNED AS

NOTICE OF SPUD

Company: Black Dahlia Oil & Co
 Caller: Tommy Barnett - Ray Singleton
 Phone: (303) 773-8044

Well Number: 9-414

Location: NW NE 9-40S-23E

County: San Juan State: Utah

Lease Number: U-37663

Lease Expiration Date: 7-31-82

Unit Name (If Applicable): NA

Date & Time Spudded: 7-28-82 6:00 PM? 6:45 ned

Dry Hole Spudder/Rotary: Rotary

Details of Spud (Hole, Casing, Cement, etc.) _____

Rotary Rig Name & Number: _____

Approximate Date Rotary Moves In: On site

FOLLOW WITH SUNDRY NOTICE

Call Received By: WPM

Date: 7-29-82

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-37663
2. NAME OF OPERATOR Black Dahlia Oil and Gas Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1057 E. 3300 th So. Salt Lake City, Utah 84106		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW/4 NE/4 Sec, 9, Twp. 40 So., Rge. 23 E. San Juan County, Utah		8. FARM OR LEASE NAME Bass Navajo Federal
14. PERMIT NO. 43-037-30797		9. WELL NO. 9-41
15. ELEVATIONS (Show whether DT, RT, GR, etc.) 4528x 4548 Gd.		10. FIELD AND POOL, OR WILDCAT Bluff
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, Twp 40 So Rge. 23 E.
		12. COUNTY OR PARISH 13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Change Proposed depth from 6900 ft. to 5500 ft. (Desert Creek Zone).

Surface pipe change: The following surface pipe will be set: 800' of 8 5/8 in.
24#, J-55, will circulate cement to surface.

Well spudded on July 28th, 1982 at 6:45p.m.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 8/4/82

BY: [Signature]

RECEIVED

JUL 30 1982

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE President

DATE 7-27-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐
2. NAME OF OPERATOR
Black Dahlia Oil
3. ADDRESS OF OPERATOR
4532 Mathews Way, Salt Lake City UT
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: NW NE 506' FNL 2124' FEL
AT TOP PROD. INTERVAL: Sec. 9, T40S-R23E
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Spud Well			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This written notice is to verify our verbal notification on 7-29-82 of spudding a well on July 28, 1982 at 6:45 p.m.

5. LEASE U-37663	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Bass-Navajo Federal	
9. WELL NO. 9-41	
10. FIELD OR WILDCAT NAME Bluff	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 9, T40S-R23E SLM	
12. COUNTY OR PARISH San Juan	13. STATE UT
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD)	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED

AUG 03 1982

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Ray Singleton TITLE Consultant DATE 7-29-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-37663
2. NAME OF OPERATOR Black Dahlia Oil & Gas Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1057 E 3300 So. Salt Lake City, Utah 84106		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW/4 NE/4 506' FNL, 2124* FEL Sec 9, Twp. 40 So.; Rge 23 E., SLM		8. FARM OR LEASE NAME Bass-Navajo-Federal
14. PERMIT NO. 43-037-30797		9. WELL NO. 9-41
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4548 Gd. 4561 KB		10. FIELD AND POOL, OR WILDCAT Bluff
		11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA Sec 9, Twp 40 So. Rge 23 E., SLM
		12. COUNTY OR PARISH San Juan
		13. STATE Ut.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Completed acidizing all zones 10-8-82.
 Ran pump and rods 10-14-82. Rigged down completion rig.
 Moved completion rig from location 10-15-82.
 Waiting on surface production equipment.

RECEIVED

NOV 17 1982

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE President

DATE 11-5-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

U-37663

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Bass-Nava jo-Federal

9. WELL NO.

9-41

10. FIELD AND POOL, OR WILDCAT

Bluff

11. SEC., T., R., M., OR BLK. AND
SUBVY OR AREASec 9, Twp 40 So.
Rge 23 E

12. COUNTY OR PARISH

San Juan

13. STATE

Ut.

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Black Dahlia Oil & Gas Co.

3. ADDRESS OF OPERATOR

1057 E., 3300 So., Salt Lake City, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)At surface NW/4 NE/4 Sec. 9, Twp. 40 So., Rge. 23 E.
San Juan County, Utah

14. PERMIT NO.

43-037-30797

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4548 Gd 4561 K.B.

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

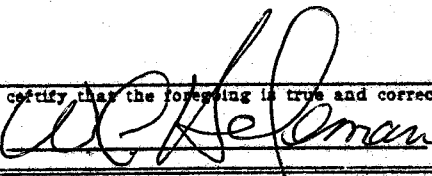
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Waiting on surface production Equipment.

RECEIVED
DEC 14 1982DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED



TITLE

President

DATE

12-5-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DST #1

DATE 8-6-82

DST Report Form

Company Black Dahlia Oil & Gas Co. Well Name Bass-Navajo-Federal #9-41

Location NW NE Section 9, T40S-R23E County/State San Juan County, Utah

Interval 5306' - 5393' Type Test Conventional Test Company Haliburton

Times IF 15 ISI 30 FF 60 FSI 60

Initial Flow Opened dead. No flow.

Final Flow Open with slight blow. Died immediately.

Recovery Recovered 5' of mud.

Sampler Recovery 40 psi - 1300 cc mud. No gas.

Pressures

IFP 82

ISI 100

FFP 82

FSI 100

IHP 3246

FHP 3177

BHT 127°

Resistivity Mud Pit

Remarks Mechanically good test.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐

2. NAME OF OPERATOR

Black Dahlia Oil & Gas Company

3. ADDRESS OF OPERATOR

1057 E 3300 S, Salt Lake City, UT

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: NW NE 506' FNL & 2124' FEL

AT TOP PROD. INTERVAL: Sec. 9, T40S-R23E

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

☐

FRACTURE TREAT ☐

☐

SHOOT OR ACIDIZE ☐

☐

REPAIR WELL ☐

☐

PULL OR ALTER CASING ☐

☐

MULTIPLE COMPLETE ☐

☐

CHANGE ZONES ☐

☐

ABANDON* ☐

☐

(other) Setting surface and production casing

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SURFACE CASING

Ran 19 joints of 8-5/8" casing to 762'. Cemented with 550 sacks of Class B with 2% KCl.

PRODUCTION CASING

Casing Detail:	Guide Shoe	1.50
	1 jt. 5-1/2"	41.10
	Float Collar	2.80
	89 jts 5-1/2"	4048.70
	DV Tool	4.20
	38 jts 5-1/2"	1550.00
	KB 1	13.00
		<u>5661.30</u>

**Copies of drilling reports and DST are included for your information. Proposed completion procedures will soon be submitted.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUP IN TRIPPLICATE*
(See instructions on reverse side)

[Handwritten signature]

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-37663	
2. NAME OF OPERATOR Black Dahlia Oil and Gas Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1057 East 3300 South, Salt Lake City, Ut. 84106		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW/4 NE/4 Sec. 9, Twp. 40 So., Rge 23 E. San Juan Co., Utah		8. FARM OR LEASE NAME Bass Navajo Federal	
14. PERMIT NO. 43-037-30797		9. WELL NO. 9-41	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4548 Gd. 4561 KB.		10. FIELD AND POOL, OR WILDCAT Bluff Field	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 9, Twp. 40 So. Rge. 23 E/	
		12. COUNTY OR PARISH San Juan	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Complete Well</u>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Completed Drilling well on 8-13-82
Set 5666 ft. of 5½ inch casing, 17# N-80 Lt&C 8-13-82
Released Rotary Rig 8-14-82
Scheduled Completion Rig for 8-30-82.

DST#1, 5306-5393 ft. Lower portion Upper Ismay and Lower Ismay Zones.
Recovered 5 ft. drlg. mud. Nil pressures.

Zones scheduled ~~for~~ for completion: Desert Creek and Upper Akah.

RECEIVED
AUG 30 1982

18. I hereby certify that the foregoing is true and correct

SIGNED

[Handwritten signature]

TITLE

DIVISION OF
OIL, GAS & MINING
President

DATE 8-27-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-37663
2. NAME OF OPERATOR Black Dahlia Oil and Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1057 East 3300 South, Salt Lake City, Utah 84106		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 9: Township 40 South, Range 23 East Salt Lake City, Utah		8. FARM OR LEASE NAME Bass Navajo Federal
14. PERMIT NO. API 43-037-30797		9. WELL NO. 9-41
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4548 GD; 4560 DF, 4561 K.B.		10. FIELD AND POOL, OR WILDCAT Bluff Field
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec: 9 Twp: 40 S. Rge: 23 East
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☒SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Move in completion rig. Drill cement to 5650; perforate and test zones in Akah and Desert Creek.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE President

DATE 10-1-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MTF

DAILY DRILLING REPORT

Operator: Black Dahlia Oil
Contractor: Coleman Drlg. Co.
Well Name: Bass-Navajo-Federal #9-41

Location: 506'FNL and 2124' FEL
Section 9, T40S-R23E
San Juan County, Utah

7-29-82 Day No. 1. Present Depth: 417'. Present Operation: Drilling. Made 417' in 10 hrs. Drlg. Rate 41.7.

MUD PROPERTIES: WT: 10.8; VISC.: 40.

SURVEYS: 1/2° at 200'.

BIT RECORD: Present Bit No.: 1S; Size: 12-1/2; Type: HTC; Ser. No.: RR; Jets: 11-12-B. Depth In: 0' Made 417' in 10 hrs. Avg. Ft./Hr.: 41.7; W/O/B: All; RPM: 130; Cum. Rot. Hrs.: 10.

PUMPS: Liners: 5; Strokes: 16; SPM: 60; PP: 1300.

OPERATIONS: Move in, rig up. Spud well at 6:45 p.m. on 7-28-82. Drill.

TIME DISTRIBUTION: 11-3/4: RU; 10: Drill; 1: Repair Rig; 1/4: Deviation Survey; Total: 23 hours.

COST DATA: Permits, Damages: \$8,500; Footage: \$6,906; Mud: \$590; Engineering: \$1,500; Supervision: \$100; Total: \$17,596.

Verbally notified U.S.G.S. and State of Utah of well spud. Filled out sundry notices and mailed 7-29-82.

Gave verbal drilling report to Bass Enterprises (Lisa-Ken Moore's secretary) at the direction of Bill Hafeman.

7-30-82 Day No. 2. Present Depth: 762'. Present Operation: Trip in hole with Bit #3. Made 345' in 5-3/4 hrs. Drlg. Rate 60.

SURVEYS: 3/4° at 763'.

BIT RECORD: Dull Bit No. 1S; Size: 12-1/4; Type: HTC; Ser. No.: RR; Jets: 11-12-B. Depth Out: 480'. Made 480' in 12-1/4 hrs. Ft./Hr. 39.2
Present Bit No. 2; Size: 12-1/4; Type: Reed; Ser. No. RR; Jets: 11-12-B; Depth In: 480'. Made 282' in 3-3/4 hrs. Avg. Ft./Hr. 75.2. W/O/B All. RPM: 120.

OPERATIONS: Drilled; Trip for Bit #2; Drill; TD @ 2:30 p.m. Trip out to run 19 jts. 8-5/8: casing set at 762'. Cemented w/550 sxs Class B w/2% KCl. Pipe down 8:45 p.m. 7-29-82. Circulate.

TIME DISTRIBUTION: 5-3/4: Drill; 2: Circulate & condition; 2: Trips; 1/2: Service rig; 1-1/4: Repair rig; 2: Run casing, cement; 5-1/2: WOC; 3-3/4: NU B.O.P.; 1/2: Test B.O.P.; 1: WO Haliburton.

COST DATA: Daily: \$25,560; Cumulative: \$43,156.

- 7-31-82 Day No. 3. Present Depth: 1762'. Present Operation: Drilling. Made 1000' in 16-1/2 hrs. Drlg. Rate: 60.6.
MUD PROPERTIES: WT: 8.4; VISC.: 27; CHL: 1000; CALCIUM: 40.
SURVEYS: 3-1/2° at 1504'; 2-3/4° at 1631'.
BIT RECORD: Dull Bit No.: 3; Size: 7-7/8; Type: R-2; Ser. No.: BDT43; Jets: 11-11-B; Depth Out: 1504'. Made 742' in 8-3/4 hrs. Ft./Hr.: 84.4
Present Bit No.: 4; Size: 7-7/8; Type: HS51; Ser. No.: E87570; Jets: 11-11-B; Depth In: 1504. Made 258' in 7-3/4 hrs. Avg. Ft./Hr. 33.3
W/O/B: 40; RPM: 90; Cum. Rot. Hrs.: 32.25.
PUMPS: Liners: 5"; Strokes: 16"; SPM: 56; PP: 1400; JetVel: 648; Ann Vel-DC: 284; Ann Vel-DP: 134.
TIME DISTRIBUTION: 16-1/2: Drill; 1/4: Reaming; 1/4: Condition mud and circulate; 2-1/2: Trips; 1/2: Service Rig; 1/2: Deviation Survey; 2: NU B.O.P.; 1-1/2: Drill Cement.
DAILY COST: \$23,873; CUMULATIVE COST: \$67,154.

- 8-1-82 Day No. 4. Present Depth: 2856'. Present Operation: Drilling. Made 1104' in 22-3/4 hrs. Drlg. Rate 48.5.
MUD PROPERTIES: WT: 8.6
SURVEYS: 1-3/4° at 1830'; 3/4° at 2375'.
BIT RECORD: Present Bit No. 4; Size: 7-7/8; Type: HS51; Ser. No.: BA87510; Jets: 11-11-B; Depth In: 1504'; Made 1352' in 30-1/2 hrs. Avg. Ft./Hr. 44.3; W/O/B: 40; RPM: 70; Cum. Rot. Hrs.: 62.75
PUMPS: Liners: 5; Strokes: 16; SPM: 56; PP: 1600.
TIME DISTRIBUTION: 1/4: Service Rig; Deviation Survey: 1.
DAILY COST: \$19,147; CUMULATIVE COST: \$86,301.

- 8-2-82 Day No. 5. Present Depth: 3552'. Present Operation: Drilling. Made 690' in 15-1/4 hrs. Drlg. Rate: 45.25.
SURVEYS: 1/2° at 3250'.
BIT RECORD: Present Bit No.: 4; Jets: 11-11-B; Made 2058' in 45-3/4 hrs. Avg. Ft./Hr. 44.98. W/O/B: 40; RPM: 70.
PUMPS: Liners: 5; Strokes: 16; SPM: 56; PP: 1500.
TIME DISTRIBUTION: 15-1/4: Drill; 3-3/4: Reaming; 1/4: Service Rig; 4-1/4: Repair Rig; 1/2: Survey.
DAILY COST: \$13,094; CUMULATIVE COST: \$ 99,395.

- 8-3-82 Day No. 6. Present Depth: 4452' Present Operation: Drilling; Made 890' in 22-1/4 hrs. Drlg. Rate 40.
MUD PROPERTIES: WT.: 8.7; VISC.: 28.
SURVEYS: 3/4° at 3750'; 3/4° at 4211'.
BIT RECORD: Present Bit No. 4; Jets: 11-11-B; Made 2948' in 68 hrs. Avg. Ft./Hr. 44; W/O/B: 40; RPM: 70; Cum. Rot. Hrs. 100.25.

8-3-82 Day No. 6 (continued)

PUMPS: Liners: 5; Strokes: 16; SPM: 56; PP: 1500.

TIME DISTRIBUTION: 22-1/4: Drill; 3/4: Service Rig; 1: Survey

DAILY COST: \$16,653; CUMULATIVE COST: \$ 116,048.

8-4-82 Day No. 7. Present Depth: 4800'. Present Operation: Drilling. Made 348' in 15-1/2 hrs. Drlg. Rate 22.5.

MUD PROPERTIES: WT.: 9.0; VISC.: 34; PV: 4; YP: 12; GELS: 4/4; PH: 8.5;
WL: 22; FC: 2/30"; CHL: 3500; CALCUIM: 20; SOLIDS: 5; SAND: 1/4;
OIL: 0.

SURVEY: 1/2⁰ at 4651'.

BIT RECORD: Dull Bit No. 4; Size: 7-7/8; Type: HS51; Depth Out: 4651';
Made 3147' in 75 hrs. Ft./Hr. 41. Present Bit No. 5; Size: 7-7/8;
Type: F3; Ser. No.: CP0809; Jets: 11-12-B; Depth In: 4651'. Made 148'
in 8-1/2 hrs. Avg. Ft./Hr. 17.4; W/O/B: 40; RPM: 70; Cum. Rot. Hrs.:
115.75.

PUMPS: Liners: 5; Strokes: 16; SPM: 56; PP: 1600.

TIME DISTRIBUTION: 15-1/2: Drill; 1-3/4: Reaming; 3/4: Cond. Mud &
Circulate; 5-1/2: Trips; 1/2: Service Rig.

DAILY COST: \$9,578; CUMULATIVE COST: \$125,726.

8-5-82 Day No. 8. Present Depth: 5160'. Present Operation: Drilling. Made 360' in 23-1/2 hrs. Drlg. Rate 15.3.

MUD PROPERTIES: WT.: 9.2; VISC.: 37; PV: 9; YP: 8; GELS: 3/14; PH:
9.5; WL: 24; FC: 2-30"; CHL: 3400; CAL: 40; SOLIDS: 6.3; SAND: Tr;
Oil: 0.

BIT RECORD: Present Bit No. 5; Size 7-7/8; Type: F3; Depth In: 4651';
Made 509' in 32 hrs. Avg. Ft./Hr. 15.9; W/O/B: 40; RPM: 70; Cum. Rot.
Hrs.: 139.25.

TIME DISTRIBUTION: 23-1/2: Drill; 1/2: Service Rig.

DAILY COST: \$10,992; CUMULATIVE COST: 136,718.

8-6-82 Day No. 9. Present Depth: 5393'. Present Operation: Circulate mud to
weight up; Made 233' in 7-1/2 hrs. Drlg. Rate: 13.3.

MUD PROPERTIES: WT.: 9.4; VISC.: 39; PV: 12; YP: 11; GELS: 3/11; PH:
8; WL: 12; FC: 2-30; CHL: 4500; CAL: 80; SOLIDS: 8; SAND: Tr; OIL: 0.

BIT RECORD: Present Bit No. 5; Size 7-7/8; Depth In: 4561'. Made 742'
in 49-1/2 hrs. Avg. Ft./Hr. 15. W/O/B: 40; RPM: 70; Cum. Rot. Hrs.:
156.75.

OPERATIONS: Drlg; Rig Service; Drlg; Circulate for samples at 5393;
Pump fill and drop surveys; TOH; First check for flow; getting good
flow; TIH to bottom. Pick up Kelly. Circulate bottoms up. Circulate
well and raising mud weight.

TIME DISTRIBUTION: 17-1/2: Drill; 1-1/4: Cond. Mud & Circ.; 1/2: Trips;
1/2: Service Rig; 1/4: Deviation Survey; 4: DST.

DAILY COST: \$ 8,019; CUMULATIVE COST: \$144,737.

- 8-7-82 Day No. 10. Present Depth: 5393'. Present Operation: Working through bridges. Made 0' in 0 hrs.
- MUD PROPERTIES: WT.: 9.6; VISC.: 36; PV: 9; YP: 6; GELS: 4/8; PH: 9; WL: 14; FC: 2-30"; CHL: 4100; CAL: 160; SOLIDS: 9.5; SAND: Tr; OIL: 0.
- BIT RECORD: Present Bit No. 5; Size: 7-7/8"; Depth In: 451. Made 742' in 49-1/2 hrs. Avg. Ft./Hr. 15. W/O/B: 40; RPM: 70; Cum. Rot. Hrs.: 149
- OPERATIONS: Circ. mud and raise wt. to 9.7 to kill water flow. TOH to 2400'. Check for flow. Well flowing again. Circ. mud and raise wt. to 9.7. Killed well. TOH. Pick up DST tools. TIH. Ran DST #1. TOH w/DST tools. Lay down and load out tools. TIH w/Bit #5. Hit bridge at 900'.
- TIME DISTRIBUTION: 20-1/2: DST; 3-1/2: Fishing.
- DAILY COST: \$12,625; CUMULATIVE COST: \$157,362.
-
- 8-8-82 Day No. 11. Present Depth: 5393'. Present Operation: Fishing.
- MUD PROPERTIES: WT.: 9.6; VISC.: 40; PV: 14; YP: 7; GELS: 1/3; PH: 10; WL: 7.8; FC: 1-30"; CHL: 2800; CAL: 40; SOLIDS: 9.1; SAND: Tr; OIL: 0
- BIT RECORD: Dull Bit No. 5; Size: 7-7/8; Depth Out: 5393; Made 742' in 49-1/2 hrs. Ft./Hr.: 15. Present Bit No. 6; Size: 7-7/8; Type: F2; Ser. No. RR; Depth In: 5393; Made 0' in 0 hrs. W/O/B: 40; RPM: 70. Cum. Rot. Hrs.: 149.
- OPERATIONS: Reaming bridges at 900'; 1200'; 1900'; TIH to 5375'. Work tight off 3' to bottom. Stuck pipe at 5390'. Work pipe; got loose. TOH to check bit. Bit was running on junk & missing inserts. TIH w/RR bit and junk sub. Drill on junk. TOH. Recovered metal in junk sub. Pick up globe basket and TIH. Workover junk.
- TIME DISTRIBUTION: 24: Fishing.
- DAILY COST: \$6,925; CUMULATIVE COST: \$164,287
-
- 8-9-82 Day No. 12. Present Depth: 5393'. Present Operation: Circ. & Cond. Mud
- MUD PROPERTIES: Wt: 9.7; VISC: 38; PV: 10; YP: 10; GELS: 4/12; PH: 8.5; WL: 16; FC: 2-30"; CHL: 5200; CAL: 20; SOLIDS: 11; SAND: Tr.
- OPERATIONS: Milling on junk w/globe basket. TOH. Cut drlg. line and wait on fishing tools. Pick up globe basket & two junk subs. TIH. Mill on junk. TOH. Recovered large quantity of metal. Clean out basket. Pick up RR bit and one junk sub. TIH. Drill on junk. Circ. and weight up mud. TOH.
- TIME DISTRIBUTION: 24: Fishing.
- DAILY COST: \$11,324; CUMULATIVE COST: \$175,611.
-
- 8-10-82 Day No. 13. Present Depth: 5393'. Present Operation: TOH w/ globe basket.
- MUD PROPERTIES: WT: 9.6; VISC: 34; PV: 7; YP: 6; GELS: 0/3; PH: 8.5; WL: 20; FC: 2-30"; CHL: 4800; CAL: 40; SOL: 9; SAND: Tr; OIL: 0.

8-10-82 (cont.) OPERATIONS: TOH w/RR bit. Recovered metal and clean out junk basket. Pick up globe basket & two junk subs. TIH. Mill on junk. TOH. Recovered metal & some formation; Clean out junk basket. TIH w/redressed globe basket and two junk subs. TIH. Mix & circ. mud to kill flow. TIH to bottom. Mill on junk. TOH.

TIME DISTRIBUTION: 24: Fishing.

DAILY COST: \$10,311; CUMULATIVE COST: \$185,922.

8-11-82 Day No. 14. Present Depth: 5477; Present Operation: Drlg. Made 84' in 8 hrs.

MUD PROPERTIES: Wt: 9.6; VISC: 40; PV: 14; YP: 7; GELS: 4/10; PH: 9; WL: 12; FC: 1-30"; CHL: 4500; CAL: 20; SOL: 9; SAND: 1/4; OIL: 0

BIT RECORD: Dull Bit No. 6; Size: 7-7/8; Jets: 11-12-B; Depth Out: 5477'. Made 84' in 8 hrs. Present Bit No. 7. Size: 7-7/8; Type: S12J; Jets: 11-12-B; Depth In: 5477; Made 0' in 0 hrs. W/O/B: 40; RPM: 85.

OPERATIONS: TOH w/globe basket. Recovered 14" dolomite core and some metal. Pick up bit #6 and TIH. Ream and work thru pipe spot at 5390' to 5393'. Drlg. Circ. for samples. Mix slug and TOH for Bit #7 to 2000'. Circ. 10# mud at 2000'. TOH. Pick up Bit #7 and TIH. Mix mud. Drilling.

TIME DISTRIBUTION: 8: Drill; 2-1/4: Cond. Mud & Circ.; 6-1/4: Trips; 7-1/2: Fishing.

DAILY COST: \$6,830; CUMULATIVE COST: \$192,752.

8-12-82 Day No. 15. Present Depth: 5606'. Present Operation: Drilling. Made 124' in 14-1/2 hrs.

MUD PROPERTIES: WT: 9.6; VISC: 52; PV: 12; YP: 26; GELS: 20/30; PH: 10; WL: 13; FC: 1-30"; CHL: 2900; CAL: 20; SOL: 9; SAND: Tr; OIL: 0.

BIT RECORD: Dull Bit No. 7; Size: 7-7/8; Type: S12J; Jets: 11-12-B; Depth Out: 5562; Made 85' in 10-1/2 hrs. Present Bit No. 8; Size: 7-7/8; Type J22; Ser. No. RR; Jets: 11-12-B; Depth In: 5562; Made 44' in 4 hrs. W/O/B: 40; RPM: 60; Cum. Rot. Hrs. 171.5.

OPERATIONS: Drlg.; Rig Service; Drlg.; Circ. for samples; Mix two slugs. TOH for Bit #8; TIH; Mix and condition mud; Drlg.

TIME DISTRIBUTION: 14-1/2: Drill; 2: Cond. Mud & Circ.; 7-1/4: Trips; 1/4: Service Rig

DAILY COST: \$6,922; CUMULATIVE COST: \$199,674

8-13-82 Day No. 16. Present Depth: 5666'. Present Operation: Waiting on pipe. Made 60' in 2-3/4 hrs.

SURVEYS: 3-1/4⁰ at 5626'.

BIT RECORD: Dull Bit No. 8; Size: 7-7/8; Type J22; Ser. No. RR; Jets: 11-12-B; Depth Out: 5626'; Made 64' in 7 hrs. Present Bit No. 9; Size: 7-7/8; Type: HS51; Ser. No. RR; Jets: 11-12-B; Depth In: 5666' Made 40' in 3/4 hrs. W/O/B: 40; RPM: 70; Cum. Rot. Hrs.: 174.25

OPERATIONS: Drlg; Circ. & cond. hole; Drop survey; TOH for logs; RU Schlumberger; Ran DIL & FDC-CNL logs. WO orders. TIH w/Bit #9 & drill salt to 5666'. Circ. hole while waiting on pipe.

8-13-82 (cont.) TIME DISTRIBUTIONS: 2-3/4: Drill; 4-1/2: Cond. Mud & Circ.; 6-1/4: Trips; 6: Logs; 1-1/4: WO orders; 3-1/4: WO miscellaneous.

DAILY COST: \$20,923; CUMULATIVE COST: \$220,597.

8-14-82 Day No. 17. Present Depth: 5666'. Present Operation: Rig down and move out.

OPERATIONS: Circ. & cond. hole while waiting on casing. TOH & laid down drill pipe and drill collar. Rig up casing crew. Run 138 jts. of 5-1/2" 17# N-80 casing. Thin mud and circ. & cond. hole. Pump 10 bbls. of mud flush and 10 bbls. of 3% KCl spacer. Cement 1st stage with 200 sks. of Thixotropic cement. Displace cement with water and mud. Bump plug hold o.k. Drop DV shift tool. Circulate well through DV tool. Pump 10 bbls. of mud flush and 2 bbls. of spacer cement 2nd stage w/250 sks. of Haliburton light. Displace cement, bump plug. Pressure up held o.k. Check pits got mud flush to surface. Well flowing. Close rams. Pressure up on well. Could pump into well w/200 psi @ 3 BPM. W/O cement. Roads flooded out due to rains.

<u>CASING DETAIL:</u>	Guide Shoe:	1.5
	1 jt. 5-1/2:	41.10
	Float Collar:	2.8
	89 jts. 5-1/2:	4048.7
	DV Tool	4.2
	38 jts. 5-1/2:	1550.0
	KB 1	<u>13.0</u>

TIME DISTRIBUTION: 1-1/2: Cond. Mud & Circ.; 3-1/2: Trips; 2: Repair Rig; 7-1/2: Run Csg., Cement; 9-1/2: Misc.

DAILY COST: \$ 6,005; CUMULATIVE COST: \$226,602.

8-15-82 Day No. 18. Present Depth: 5666'; Present Operation: Rig down and move out.

OPERATIONS: Cement arrived on location @ 6:30 a.m. RU Haliburton. Pump 150 sks. of Thixotropic cement down 5-1/2 casing annulus @ 3 BPM. Pressure up to 1000 psi. Shut in back side. Wait 30 min. Opened back side bled off pressure. Water flow dead. Unflange BOP. Set slips. Hang casing with 80,000 lbs. Release rig @ 9:00 a.m. Final Report.

TIME DISTRIBUTION: 3: Run Casing; Cement.

DAILY COST: \$1,600 CUMULATIVE COST: \$228,202 DAILY COMPLETION COSTS: \$56,186; CUMULATIVE COMPLETION COSTS: \$56,186.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-37663
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Black Dahlia Oil & Gas Co		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 1057 E 3300 So. Salt Lake City, Utah 84106		8. FARM OR LEASE NAME Bass Navajo Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) NW/4 NE/4 Sec. 9 Twp. 40 So.; Rge. 23 E At surface SLB&M San Juan County, Utah		9. WELL NO. 9-41
		10. FIELD AND POOL, OR WILDCAT Bluff Field
		11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA Sec 9, T.40 S. R. 23E SLB&M
14. PERMIT NO. 43-037-30797	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4548 Gd. 4561 K.B.	12. COUNTY OR PARISH San Juan
		13. STATE Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Well placed on pump 12-17-82. Pumped 232.78 Barrells Oil; 108 Barrells Water; 225 MCF during December, 1982. Gas was used on lease to run pump engine and treater. No oil sold during month.

RECEIVED
JAN 24 1983

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

W. J. DeLeman

TITLE President

DATE Jan. 15, 1982

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. U-37663	
1b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Black Dahlia Oil and Gas Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1057 East 3300 South, Salt Lake City, Utah 84106				8. FARM OR LEASE NAME Bass-Navajo-Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NW¼ NE¼, Sec. 9, Township 40 So. Range 23 East San Juan County, Utah At top prod. interval reported below Same At total depth Same				9. WELL NO. 9-41	
14. PERMIT NO. 43-037-30797				12. COUNTY OR PARISH San Juan	
DATE ISSUED July 1, 1982				13. STATE Utah	
15. DATE SPUDDED 7-28-82	16. DATE T.D. REACHED 8-13-82	17. DATE COMPL. (Ready to prod.) 10-14-82	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4548 Gd. 4561 KB	19. ELEV. CASINGHEAD 4551	
20. TOTAL DEPTH, MD & TVD 5666 Drlr.	21. PLUG, BACK T.D., MD & TVD 5648'	22. IF MULTIPLE COMPL., HOW MANY* Desert Creek	23. INTERVALS DRILLED BY →	ROTARY TOOLS All	CABLE TOOLS None
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Same as # 31 Below					25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS—RUN FDC-CNL-GR, DIL-SP-GR.					27. WAS WELL CORRED No
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	762'	10 3/8"	550 SKS Class B 2% KCL	None
5 1/2"	17#	5666'	7 7/8"	Staged: 200 SKS Thixotropic bottom; 250 SKS Light @ 1563'	None
				250 SKS Thixotropic @ Csg head	
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE
					2 3/8"
					5635'
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
5444-46 - 2 JSPF 5598-5606 - 2 JSPF			DEPTH INTERVAL (MD)		
5451-57 - 2 JSPF			AMOUNT AND KIND OF MATERIAL USED		
5474-80 - 2 JSPF			SEE ATTACHMENT		
5532-38 - 4 JSPF					
5544-48 - 2 JSPF					
33. PRODUCTION					
DATE FIRST PRODUCTION 12-17-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 16' x 2" x 1½"			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 1-5-83	HOURS TESTED 24 hours	CHOKE SIZE None	PROD'N. FOR TEST PERIOD →	OIL—BSL. 5.04 BBLs	GAS—MCF. EST 15 MCF
WATER—BSL. Trace	GAS-OIL RATIO				
FLOW, TUBING PRESS. 30#	CASING PRESSURE 30#	CALCULATED 24-HOUR RATE →	OIL—BSL. 5.04 BBLs	GAS—MCF. EST 15 MCF	WATER—BSL. Trace
OIL GRAVITY-API (CORR.) 40° A.P.I.					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for Fuel					TEST WITNESSED BY Ed Carlson
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <i>D.C. Freeman</i>		TITLE <i>President</i>		DATE <i>Jan. 18, 1983</i>	

(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
DST #1 Ismay Zone	5306-5393		
Initial open: 15" one bubble			
IHP 2688, FHP 2674		ISIP: 40#, 5538	ISI 30"; 2nd open 60". V. Weak, dried; FSI 120"
Desert Creek	5532	5550	FSIP 40#. Rec 5' mud.
Desert Creek	5546		Log Porosity
			Log Porosity

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP
Chinle	1430	
Moenkopi	2204	
DeChelly	2508	
Cutler	2568	
Hermosa	4366	
Ismay	5257	
Lower Ismay	5361	
Desert Creek	5442	
Akah	5585	
Salt	5620	

BASS-AVADO-FEDERAL
#9-41
nu ne Ac. 9, 405, 23E

COMPLETION REPORT

8-30-82: Move in completion rig. 9-1-82: Perforate Akah 5598-5606. 9-3-82: Acidize perf. 5598-5606 with 1100 gals. 15% HCL. 9-4-82: Swab 3.5 BBLS oil 7 hrs. 9-8-82: Sand/foam frac. perfs. 5598-5606 with 6000# 40-60 sand, blow back with nitrogen. 9-9-82: Swab well 2½ hrs, recover 11 BF, 20% oil, swab-dry. dry. 9-11-82: Perf. 5544 to 5548, Lower Desert Creek, 2 shots per ft. set pkr. 9-11-82: Perf 5544-48 Lower Desert Creek 2 shots per ft. set retrievable plug @ 5589'. 9-13-82: Set pkr @ 5489' acidize perfs w/420 gals 15% MSR acid. Swab back acid water. 9-14-82: Swab water w/10-15% oil cut. 9-15-82: Swab 10 hrs. rec. 13 3/4 BBLS fluid 20% oil. 9-16-82: Swab water w/oil cut emulsion. Pull bridge plug. Set cast iron bridge plug @ 5540-42. Perf 5532-38 w/4 shots per ft. Desert Creek Zone swab load water. 9-17-82: Swab 14.6 BF 5% oil. Acidize with 800 gals of 15% WFC-1 acid. Swab back 46 barrels load water. 9-18-82: Swab 20 runs, 10-15% oil, 10% BS, 75-80% salty water. 9-20-82: Swab 23¼ BF, 6½ B0, 17 BW. 9-21-82: Swab 9.6 BF, 4.6 B0, 5.0 BW. Set retrievable plug at 5522. 9-22-82: Perf. Desert Creek from 5544-46, 5451-57, 5474-80 with 2 shots per ft., swab well - well dead. 9-23-82: 2 Swab runs, no recovery. Set pkr. @ 5350'. Acidize perfs. with 2750 gals. 28% WFC-1 acid, 500 cu ft. of nitrogen per barrel acid. Flow back well to reserve pit. Make 10 swab runs to pit, recover acid water, nitrogen and some oil shows. 9-24-82: Swab 7½ hrs recover 6.9 B0, 31.1 BW. 9-25-82: Swab 75% water, 25% oil. Unseat pkr., unseat bridge plug. Swab well to 4000'. 9-27-82: Lay down bridge plug. Set pkr. at 5497. Swab perfs. 5532-38. Swabbed 69 BW, 3-4% oil. 9-28-82: Swab 48 BF, 11 B0, 37 BW. 9-29-82: Swab well, getting indication of communication of perfs. or leaking pkr. Swab 75% water, 25% oil. 9-30-82: Well swabbed down in 3 runs from 5532-38. Acidize perfs. 5532-38 with 1000 gals of 28% EFEHCL. No pressure @ 2 BPM. Well took acid on vacuum. Suspect acid went into casing above pkr. through communication of perfs. with previous upper perfs. Pumped fluid into backside above pakrs., got immediate increase in fluid level below pkr. 10-1-82: Reseat pkr. @ 5337, (above all perfs.), pressure test backside to 2000 p.s.i., pkr. held confirming that upper perfs. are communicated with lower perfs. Drill out cast iron bridge plug. Circulate hole clean. 10-2-82: Swab fluid level to 4300'. Recover 75.5 BW, 1.5 B0. 10-4-82: Swab all perfs. recover 73 BW, 1 B0. 10-5-82: Swab 25.5 BW, 2.5 B0. 10-6-82: Swab 25 BF, 21.7 BW, 3.3 B0. 10-7-82: Swab 15 BF, 4.2 B0, 10.8 BW. 10-8-82: Acidize all perfs. with 6000 gals. of 28% NEFE HCL w/500 SCE/gal nitrogen. Drop 200 balls flow back well to pit. Rig up swab, had gas flow w/oil show between runs.

10-9-82: Swab water, nitrogen and some oil to pit. 10-12-82: Swab 13 runs.
made 34.2 BF, 16.7 BO, 17.5 BW. 10-13-82: Swab 29 BF, cut unknown - bad beginning
strap. Open bypass swab water off backside. Unseat pkr. 10-14-82: Pickup mud
anchor, perforated nipple and tubing anchor. Run 222 jts. of 3/4" class C rods, a
16'x 1½" x 2" RWBC pump to 5598'. Released Rig.

*Black Dahlia Oil & Gas Co.
By W. C. Hafeman, President*

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-37663
2. NAME OF OPERATOR Black Dahlia Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1057 E. 3300 So., Salt Lake City, Utah 84106		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) 506' from North, 2124' from East NW/NE) At surface Sec. 9, Twp. 40 So., Rge. 23 E.		8. FARM OR LEASE NAME Bass-Navajo-Federal
14. PERMIT NO. 43-037-30797		9. WELL NO. 9-41
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 4561 R.B.		10. FIELD AND POOL, OR WILDCAT Bluff Field
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T. 40 So. Rge. 23 E.
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☒

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This non-commercial well is currently producing 2 to 3 BOPD. Completion tests indicate that the Upper & Lower Desert Creek Zone is communicated. Operator intends to recement the entire Desert Creek Zone through existing perforations with 200 ex class B cement. Drill out and reperforate the Lower Desert Creek Zone @ 5516-23; 5532-39; 5545-50; 5552-56. All perforations will be stage treated together with 6000 gals 28% HCL, 6000 gals Gel, 9000 gals of KOL water. Swab well after treatment to establish production swab-rate. Return well to pumping status if commercial recovery of hydrocarbons is indicated. Plug and abandon if well remains non-commercial.

18. I hereby certify that the foregoing is true and correct

SIGNED

W.C. Salzman

TITLE President

DATE Nov. 28, 1984

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 12/12/84
BY: *R. Bay*

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 14 1991

DIVISION OF
OIL GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Black Dahlia Oil and Gas Company

3. Address and Telephone No.

2141 So. Main St.; Salt Lake City, Ut. 84115 801-487-0636

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

506' FNL 2124' FEL Section 9, Township 40 So., Range 23 East
San Juan County, Utah

5. Lease Designation and Serial No.

UT U-37663

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Bass-Navaajo-Federal 9-41

9. API Well No.

430373079700S1

10. Field and Pool, or Exploratory Area

Bluff

11. County or Parish, State

San Juan Co., Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Day #1: MIRUSU install BOP (2) TOH & Lay down rods and pump. (3) TOH with 2 3/8" production tubing (173 jts.). (4) Perf 2 One-half inch holes @ 810'.

Day #2: TIH with 5 1/2" BP on 2 3/8" TBL set at 5440'. (2) Load hole with water. (3) Spot 20 sacks (23.6 cu. ft.) Class G Cement from BP @ 5440'. Displace with water (20 BBLs.) (4) Set TBG at 5260 (Top of cement plug) (5) Spot 103 BBLs 9.0#/gal mud from 5260 to 810'. Displace with 2 BBLs fresh water. (6) TOH & lay down tubing. (7) Pump down 5 1/2" casing 25 BBLs fresh water, establish circulation out Braiden Head. (8) Pump 275 sacks - 324 Cu. Ft. - Class G Cement down 5 1/2" casing; circulate to surface. (9) Remove Well-head and install dry hole marker.

Schedule of Completion Plugging 5/14/91
ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

14. I hereby certify that the foregoing is true and correct

Signed

Title

DATE: 5-17-91

President

April 26, 1991

(This space for Federal or State office use)

Assistant District Manager

Approved by

Title

Date 5/6/91

Conditions of approval, if any:

CONDITIONS OF APPROVAL ATTACHED

Black Dahlia Oil and Gas Company
Well No. 9-41
NWNE Sec. 9, T. 40 S., R. 23 E.
San Juan County, Utah
U-37663

CONDITIONS OF APPROVAL

1. The cast iron bridge plug shall be set ten feet above the highest perforation or at 5434 ft. (see attached diagram).
2. The BLM, San Juan Resource Area Office or Moab District Office shall be notified 24 hours prior to plugging the well. The phone numbers for those offices are (801) 587-2141 and (801) 259-6111 (respectively).
3. A BLM representative shall be present to witness plugging.
4. A Subsequent Report of Abandonment (Form 3160-5) shall be submitted within 30 days following the plugging.
5. Robert Larsen of the San Juan Resource Area will be contacted following the completion of plugging operations for rehabilitation and seeding requirements. Mr. Larsen's telephone number is (801) 587-2141.

Enclosure: Plugging Diagram

OPERATOR Black Dahlia Oil and Gas Co.

LEASE NO. 4-37663

WELL NAME & NO. Bass - Navajo - Fed 9-41

$\frac{1}{4}$ NWNE SEC. 9 T. 40S R. 23E

FIELD Bluff Field

COUNTY San Juan

STATE Utah

INSPECTOR _____

TITLE _____

DATE _____

REMARKS The cast iron bridge plug needs to be set at 5434' (10 ft above the highest perf).

10 $\frac{3}{8}$ "

8 $\frac{5}{8}$ "

NO. & TYPE OF CEMENT W/ADDITIVES

8 $\frac{7}{8}$ " @ 762 ft
24 $\frac{1}{2}$ ft

TOC (+-)
(1100')

Perf @ 810' and squeeze and circ
275 sxs Class 6 cement (324 ft³)

700 sxs cement
* 1.2 yield
840 cu ft
* 5,4325 ft³/ft³
4563 ft

5666' - 4563' = 1103'

9.0
PPG
Mud

7 $\frac{7}{8}$ "

REVIEWED BY:

SUPERVISOR _____

ENGINEER D. Manchester
5-3-91

* 20 sxs class 6 cement or (yield 23.6 ft³/ss)
1806 ft of cement in 5 $\frac{1}{2}$ " casing,

* 5 $\frac{1}{2}$ " CIBP @ 5440' 5434' (10 ft above highest perforation)

5444'
Perfs

5606'
5 $\frac{1}{2}$ " x 17 $\frac{1}{2}$ ft @ 5666 ft

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 14 1991

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

DIVISION OF

OIL, GAS & MINING

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UT U-37663

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Bass-Navajo-Fed 9-41

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430373079700S1

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Bluff

11. County or Parish, State

San Juan Co., Utah

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506° FNL 2124° FEL Section 9, Township 40 So.,
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Day 1 (May 13, 1991) 0730-0830 Rig-up; 0830 Unseat pump. Pump 110 Bbls hot water down tubing pressure at 65 psi. Bleed backside to pit. Pump 25 additional Bbls hot water down tubing. 0930: start pulling rods and laying them down. 1240pm: rods and pump out of hole. 1 pm: Install BOP. 3 pm: Start out of hole with tubing - strap on the way out. Stand tubing in derrick. 6:10 pm: Out of hole with tubing. 6:30 pm: Start in hole with Halliburton SV-EZ 5½" Drill Bridge Plug. 7:40 pm: In hole with bridge plug. Set bridge plug at 5385'. Back off one stand. Secure for evening.

Day 2 (May 14, 1991) 0730 am: Halliburton on location with pump truck and 295 sacks class G cement. 0740 am: Hay Hot Oil trucks arrive with 125 Bbls of 9.5# mud. 0800 am: Run 1 joint tubing in hole. Fill hole with water. 0840 am: hole full of water. Spot 20 sacks class G cement (25.6 cu. ft.) from 5384 to 5204'. Flush with 20 Bbls water. Lay down 8 joints. Pump 103 Bbls mud from 5145' to 715'. Flush with 2 Bbls. water. Wait 15 minutes to stabilize. 1000 am: Start out of hole to lay down tubing. 12:45 am: Tubing out of hole. (See attached addendum for continuation)

14. I hereby certify that the foregoing is true and correct

Signed

W. C. Salomon

Title President

Date June 11, 1991

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 14 1991

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Budget Bureau No. 1004-0135
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TYPE OF SUBMISSION

TYPE OF ACTION

ADDENDUM TO SUNDRY NOTICE - BLACK DAHLIA O. & G. CO.

1:00 pm: Rig up Halliburton wire line. Shoot 4 holes per ft. ½" holes at 810'. Pump water down 5½" csg. to establish circulation through casing head. Could not get circulation. Pump pressure 1400 psi flow rate 1 BBl/Min. Shut down pump. Rig up wireline. Shoot 4 ½" holes 700'. Pump down 5½" csg with water. No circulation through well head. Pump rate 1 1/4 BBls/min. at 1175#. Stop pump. Connect onto backside with pump. Strong initial pound on lines. Can't pump down backside. Break out valve on backside to check for proper operation. Valve working. Pump 225 sacks class G cement down 5½" casing. Pumped 3 BBls/min at 700 psi. Last 5 BBls pumped at 1200 psi. Wait 90 minutes for pressure to drop. Check pressure on head. Pressure at 20 psi. 5:30 pm: Cut well head off casing. Install Dry Hole Marker. 7:00 pm: Abandonment of well complete.

DATE: 6-24-91

BY: M. Matthews

1111 hole with water. 0840 am: hole full of water. Spot 20 sacks class G cement (25.6 cu. ft.) from 5384 to 5204'. Flush with 20 BBls water. Lay down 8 joints. Pump 103 BBls mud from 5145' to 715'. Flush with 2 BBls. water. Wait 15 minutes to stabilize. 1000 am: Start out of hole to lay down tubing. 12:45 am: Tubing

14. I hereby certify that the foregoing is true and correct

Signed

W. C. Lehman

Title

President

Date June 11, 1991

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date